

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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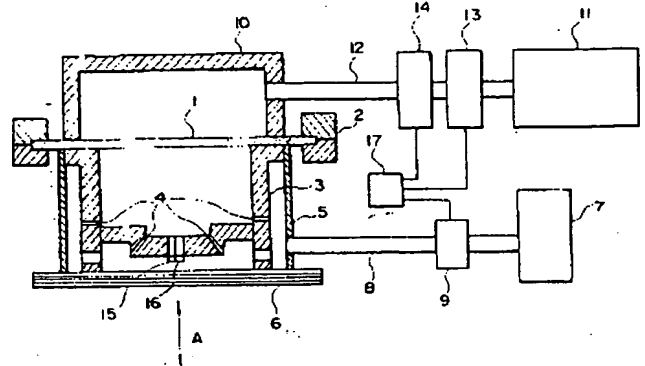
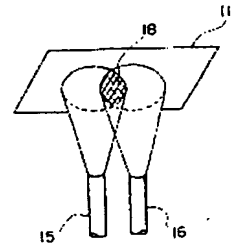
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APPLICANT : MITSUBISHI ELECTRIC CORP;

INVENTOR : BABA FUMIAKI;

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TITLE : MANUFACTURE OF SYNTHETIC  
RESIN MOLDING



**ABSTRACT :** PURPOSE: To manufacture a synthetic resin molding having stable quality by using a system in which a light radiator and a light detector are provided for controlling the pressure of fluid in a molding method deforming a synthetic resin plate softened by heating following a mold by means of a fluid pressure.

**CONSTITUTION:** In a molding machine provided with a compression tank 11, compression box 10, a vacuum tank 7, and a mold 3, a light radiator 15 and a light detector 16 are fixed to the mold 3. When deforming a synthetic resin plate 1 softened by heating by a fluid pressure in the molding machine, an output corresponding to the deformation of the plate 1 is generated in the light detector 16 and then put in a fluid controller 9 or 14 is operated according to a preset control mode, the amount of a fluid corresponding to the deformation of the plate 1 is stably acted on the plate 1.

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